SOLUNA

SOLUNA







Highly Integrated

The battery cabinet contains battery packs, air conditioning, fire protection and other equipment.

Quick Installation

Plug and play, all parts preassembly for delivery.

Multiple Protection

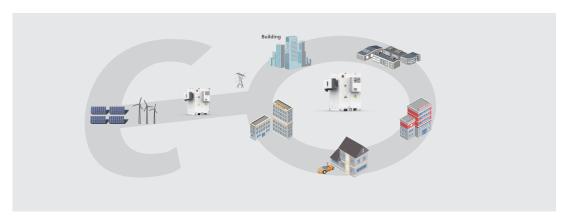
- Built-in smoking sensor, temperature sensor, temperature control, and fire protection system to monitor the real time of internal battery status.
- And the effective pressure reliefcabinet design stop risks inside.

Maintenance Ease

- Localized simplified operation and maintenance, and remote trouble shooting and upgrades.
- Cluster-level management, each cluster voltage is independently controlled.
- APP real-time monitoring, and interface open to EMS

APPLICATIONS

SOLUNA



TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimension(WxDxH,mm) 1200x1050x2050/Cabinet (Battery Only) Weight (kg) 1800 /Cabinet (Battery Only) Protection Level IP 55

ELECTRICAL CHARACTERISTICS

Battery Cabinets 1 3 5 **Battery Type** LiFePO4 Rated Energy Capacity (kWh) 150 300 450 600 750 Usable Energy Capacity (kWh) 135 270 405 540 675 Rated Battery Capacity (Ah) 200 400 600 800 1000 100/100 200/200 300/300 400/400 Rated Charging/Discharge Current(A) 500/500 100/200 200/400 300/600 400/800 500/1000 Max Charging/Discharge Current (A) 769 Nominal Voltage (V) 672-840 Usable Voltage Range (V) Depth of Discharge (%) 80 Round-Trip Efficiency (%) ≥93 6000 Cycle Life DC Disconnect Contactor/Fuse **BMS** Communication CAN

OPERATING CONDITIONS

Installation Indoor /outdoor -20~50°C **Operating Temperature** Operating Temperature (Recommended) 15~30°C Storage Temperature -20~60°C Storage Temperature (Recommended) 15~30°C 5%~95% Humidity Altitude Max. 2,000 m Cooling Method Internal Air Conditioning

RELIABILITY AND CERTIFICATION

IEC62619, CE, UN38.3 Compliance Standard 5 Years Warranty